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What is claimed is :

1. A method of treating ulcers with  
lansoprazole which comprises administering to a human  
a therapeutically effective amount of optically pure  
S(-)isomer of lansoprazole, or a pharmaceutically  
5 acceptable salt thereof.

2. A method of treating gastroesophageal  
reflux disease which comprises administering to a  
human a therapeutically effective amount of optically  
pure S(-)isomer of lansoprazole, or a  
5 pharmaceutically acceptable salt thereof.

3. A method of treating a condition caused by  
or contributed to by gastric hypersecretion which  
comprises administering to a human a therapeutically  
effective amount of optically pure S(-)isomer of  
5 lansoprazole, or a pharmaceutically acceptable salt  
thereof.

4. The method according to claim 3 wherein  
said condition is Zollinger-Ellison Syndrome.

5. A method of treating psoriasis which  
comprises administering to a human a therapeutically  
effective amount of optically pure S(-)isomer of  
lansoprazole, or a pharmaceutically acceptable salt  
thereof.

6. The method of any of claims 1-5 wherein (-)  
lansoprazole is administered orally.

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7. The method of claim 6 wherein the amount of (-) lansoprazole or a pharmaceutically acceptable salt thereof administered is from about 5 mg to about 180 mg per day.

8. The method of claim 7 wherein the amount administered is from about 10 mg to about 60 mg per day.

9. The method of any of claims 1-5 wherein the amount of (-) lansoprazole or a pharmaceutically acceptable salt thereof is greater than approximately 90% by weight of the total weight of lansoprazole.

10. The method of any of claims 1-5 wherein the amount of (-) lansoprazole or a pharmaceutically acceptable salt thereof is greater than approximately 99% by weight of the total weight of lansoprazole.

11. A pharmaceutical composition comprising a pharmaceutically acceptable carrier for oral therapy and a therapeutically effective amount of (-) lansoprazole or a pharmaceutically acceptable salt thereof, substantially free of its (+) stereoisomer.

12. A pharmaceutical composition according to claim 11 in the form of a tablet or capsule.